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Arland  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dickensheets et al.

Serial No. 09/070,699

Filed: April 30, 1998

For: *MINIATURE SCANNING CONFOCAL  
MICROSCOPE*

Art Unit: 2872

Examiner: not assigned

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**RESPONSE/AMENDMENT**

Date: May 17, 1999

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*I hereby certify that this correspondence is being deposited with the U.S. Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR 1.10 and is addressed to Box Non-Fee Amendment, Assistant Commissioner for Patents, Washington, D.C. 20231 on May 17, 1999.*

Signed:

*Kari Bateman*  
Kari Bateman

**BOX NON-FEE AMENDMENT**

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

Responsive to the official action mailed April 13, 1999, please amend the above identified application as follows:

**IN THE CLAIMS**

Please rewrite claims 44-72 as follows.

44. (Not amended) An optical beam steering apparatus comprising:

a single substrate body defined by an upper surface and formed with at least one cavity including an upper cavity formed on the upper surface of the substrate body and a primary optical path for accommodating the passage of a light beam aligned in a predetermined orientation with the upper cavity; and

a beam steering assembly having a steerable element positioned substantially adjacent the upper cavity for controllably directing the light beam in a direction substantially normal to the upper surface of the substrate body.